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ABSTRACT OF THE INVENTION

The invention is for use with a system having an interface that features plural indicators on a video screen energized according to a file of non-text display-generation data, where each indicator represents information about a parameter of a large system, such as a wireless telephony system. The invention provides technology for automatically translating a subset of the file of non-text display-generation data into text variables having values that represent characteristics of a desired one of the indicators. The technology (1) acquires a file of non-text display-generation data, (2) extracts groups of data, representative of the plurality of indicators, respectively, from the file of non-text display-generation data or a file that corresponds to it, (3) identifies one of the groups of data as corresponding to the desired indicator, and (4) converts the identified group of data into a set of text variables having values representative of the characteristics of the desired indicator. The technology also translates the non-text data into groups of text data either before the aspect of extracting, identifying or converting.